

AP20 Rec'd PCT/PTO 22 JUN 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF:

Eugen ALDEA et al.

Application Serial No.: New National Stage Appl.

Application Filing Date: Herewith

Title: **METHOD AND APPARATUS FOR  
STABILIZING A GLOW DISCHARGE  
PLASMA UNDER ATMOSPHERIC  
CONDITIONS**

Attorney Docket: 2602-0012

Group Art Unit: Unassigned

Examiner: Unassigned

Date: June 21, 2006

Confirmation No.: Unassigned

## INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. One copy of each non-U.S. Patent reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The submission of any document herewith, which is not a statutory bar, is not intended that any such document constitutes prior art against any of the claims of the present application or is considered to be material to patentability as defined in 37 C.F.R. § 1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference against the claims of the present application.

10/584145

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This Information Disclosure Statement is being filed within three (3) months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

Some of the references were cited in a counterpart PCT application. An English language version of the International Search Report and Written Opinion are attached for the Examiner's information.

The Examiner's attention is directed to co-pending U.S. Patent Application No. \_\_/\_\_, filed on even date herewith, entitled "Method of and arrangement for removing contaminants from a substrate surface using an atmospheric pressure glow plasma," [Attorney Docket No. 2602-0011] which is a national stage application of International Application No. PCT/NL2004/000897 and is directed to related technical subject matter. The identification of this U.S. Patent Application is not to be construed as a waiver of secrecy as to that application now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited application and the art cited therein during examination.

**CHARGE STATEMENT:** Deposit Account No. 501860, order no. 2602-0012.

The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached

**This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.**

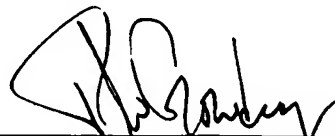
CUSTOMER NUMBER

42624

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Respectfully submitted,

By:



Peter W. Gowdey  
Registration No. 25,872

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<b>FORM PTO-1449 (modified)</b>  <b>Information Disclosure Statement by Applicant</b>				<b>Application number</b>	10/584145 New National Stage
				<b>First named inventor</b>	Eugen ALDEA et al.
				<b>Art Unit</b>	Unassigned
				<b>Filing Date</b>	Herewith
				<b>Examiner</b>	Unassigned
				<b>Attorney Docket No</b>	2602-0012
				<b>Confirmation Number</b>	Unassigned
<b>Sheet</b>	<b>1</b>	<b>of</b>	<b>2</b>	<b>Date</b>	<b>June 21, 2006</b>

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of cited document
		Number-Kind Code		
	AR	US-5,414,324	05-09-1995	Roth et al.
	BR	US-		
	CR	US-		
	DR	US-		
	ER	US-		
	FR	US-		
	GR	US-		
	HR	US-		
	IR	US-		
	JR	US-		
	KR	US-		
	LR	US-		
	MR	US-		

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of cited document	English Abstract Enclosed	ENGLISH TRANSLATION ENCLOSED
		Country Code-Number-Kind Code				
	NR				<input type="checkbox"/>	<input type="checkbox"/>
	OR				<input type="checkbox"/>	<input type="checkbox"/>
	PR				<input type="checkbox"/>	<input type="checkbox"/>
	QR				<input type="checkbox"/>	<input type="checkbox"/>
	SR				<input type="checkbox"/>	<input type="checkbox"/>
	TR				<input type="checkbox"/>	<input type="checkbox"/>

<b>Examiner Signature</b>		<b>Date Considered</b>	
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\* **Examiner:** Initial reference if considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance **and** not considered. Please include copy of this form with next communication to Applicant.

<p>FORM PTO-1449 (modified)</p> <p><b>Information Disclosure Statement by Applicant</b></p>				Application number	New National Stage <b>107284145</b>
				First named inventor	Eugen ALDEA et al.
				Art Unit	Unassigned
				Filing Date	Herewith
				Examiner	Unassigned
				Attorney Docket No	2602-0012
				Confirmation Number	Unassigned
Sheet	2	of	2	Date	June 21, 2006

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	English Translation Enclosed
		International Search Report and Written Opinion mailed April 15, 2005 in corresponding International Application Serial No. PCT/NL2004/000896 filed December 22, 2004.	<input type="checkbox"/>
		E. Aldea et al., "Generation of a Stable Atmospheric Glow in a DBD Configuration," International Symposium on Plasma Chemistry Proceedings, June 22, 2003, XP009034055, pages 1-6.	<input type="checkbox"/>
		P. Bletzinger and B. N. Ganguly, "The effect of displacement current on fast-pulsed dielectric barrier discharges," Journal of Physics D: Applied Physics, Institute of Physics Publishing, Ltd., UK, volume 36, no. 13, June 18, 2003, pages 1550-1552, XP002310826, ISSN: 0022-3727.	<input type="checkbox"/>
		T. Yokohama et al., "The mechanism of the stabilisation of glow plasma at atmospheric pressure," Journal of Physics D: Applied Physics, Institute of Physics Publishing, Ltd., UK, volume 23, no. 8, 1990, pages 1125-1128, XP002322399, ISSN: 0022-3727.	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner Signature		Date Considered	
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\* Examiner: Initial reference if considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance **and** not considered. Please include copy of this form with next communication to Applicant.